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MMHCC

the Mouse Models
of Human Cancers Consortium
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Mouse models that recapitulate many aspects of the genesis, progression, and clinical course of human cancers are valuable resources to cancer researchers engaged in a variety of basic, translational, clinical, and epidemiological investigations. The **NCI Mouse Models of Human Cancers Consortium (MMHCC)** is a collaborative program designed to derive and characterize mouse models, and to generate resources, information, and innovative approaches to the application of mouse models in cancer research.

In addition to the MMHCC initiative, the NCI sponsors numerous other projects to develop, analyze, and apply mouse cancer models. This site is intended to provide the cancer research community with information about mouse models and mouse research generated by the MMHCC and other NCI-supported projects.

What's New?

- [Imaging funding opportunity](#)

Upcoming Events/Meetings

- [2003-2004 Calendar](#)

MMHCC Tools

- [Cancer Model Database](#)
- [Cancer Image Database](#)
- [Gene Expression DataPortal](#)
- [CGAP](#)
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- [MMHCC Repository](#)
- [Mouse Model Publications](#)
- [The Jackson Laboratory](#)

Related Links

- [NCICB](#)
- [NCI](#)
- [NCBI](#)
- [SPORE](#)

Mouse Models

Overviews of organ site models, mouse model publications, industrial partners, and therapeutics

Resources

Information about sources of mouse stocks, cancer genes, pathways, drugs, collections of mutants, protocols and reagents, analytical tools, and funding opportunities

Communication

Announcements, calendar of activities, newsletters, press releases, and the PI Listserv. Contact information for Principal Investigators, co-Principal Investigators and Collaborators.

Learning Tools

Provides "how to" information for mouse model engineering, which includes tutorials about statistics and histology (comparison of mouse models and human disease, images, markers, and protocols). Online books, journals, dictionary, cancer news, mouse strain nomenclature

Applications

Therapies resulting from clinical trials, and comparisons between mouse and human cancers

MMHCC

Information regarding the MMHCC organization, organizational activities, and meetings

Submissions

Tools for uploading and browsing mouse model related data

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Organ Site Model Overview

- [Gastrointestinal Cancer Models](#)
- [Hematopoietic Cancer Models](#)
- [Lung Cancer Models](#)
- [Mammary Gland Cancer Models](#)
- [Nervous System Cancer Models](#)
- [Ovarian Cancer Models](#)
- [Prostate Cancer Models](#)
- [Skin Cancer and Melanoma Models](#)
- [Cervical Cancer Models](#)
- [Oral Cancer Models](#)
- [Sarcoma Cancer Models](#)

Therapeutics Links

Includes links to general information about specific therapies, models and genetics regarding resistance. Information about clinical trials in humans, how to design a mouse clinical trial, categories of therapeutic compounds and genetic modifiers/strain differences.

Mouse Models of Cancer Publications

PubMed links for mouse models of cancer publications by cancer type.

Industrial Partners

Information about interactions between the MMHCC and Pharma/Biotech companies; includes the legal issues about patents, licensing and funding opportunities.

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